

SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/109,273
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 445 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-109-273-2

Query Match 91.1%; Score 1015; DB 3; Length 445;
Best Local Similarity 94.5%; Pred. No. 1.2e-94;
Matches 207; Conservative 1; Mismatches 11; Indels 0; Gaps 0;
QY 1 MSAEVIHOVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLDTLRLRERKLSVGDLAELLY 60
DB 1 MSAEVIHOVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLDTLRLRERKLSVGDLAELLY 60
QY 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120
DB 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120
QY 121 GRGKISKEKSFLLVVELEKLNVLVAPDQDLLEKCLKNHRIIDLTKTKIQYKOSVOGAGT 180
DB 121 GRGKISKEKSFLLVVELEKLNVLVAPDQDLLEKCLKNHRIIDLTKTKIQYKOSVOGAGT 180
QY 181 SYRNVLOAAIQKSLKDPNNFRMITPYAHCPDLKILGNC 219
DB 181 SYRNVLOAAIQKSLKDPNNFRSIPERYKMKSKPLGIC 219

RESULT 5
US-09-276-993-2
Sequence 2, Application US/09276993
Patent No. 6207801
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
USING THE SAME, AND COMPOSITIONS FOR MAKING THE SAME
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801Iris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,993
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 445 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-276-993-2

Query Match 91.1%; Score 1015; DB 4; Length 445;
Best Local Similarity 94.5%; Pred. No. 1.2e-94;
Matches 207; Conservative 1; Mismatches 11; Indels 0; Gaps 0;
QY 1 MSAEVIHOVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLDTLRLRERKLSVGDLAELLY 60
DB 1 MSAEVIHOVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLDTLRLRERKLSVGDLAELLY 60
QY 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120
DB 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120
QY 121 GRGKISKEKSFLLVVELEKLNVLVAPDQDLLEKCLKNHRIIDLTKTKIQYKOSVOGAGT 180
DB 121 GRGKISKEKSFLLVVELEKLNVLVAPDQDLLEKCLKNHRIIDLTKTKIQYKOSVOGAGT 180
QY 181 SYRNVLOAAIQKSLKDPNNFRMITPYAHCPDLKILGNC 219
DB 181 SYRNVLOAAIQKSLKDPNNFRSIPERYKMKSKPLGIC 219

RESULT 6
US-08-795-088A-2
Sequence 2, Application US/08795088A
Patent No. 6242569
GENERAL INFORMATION:
APPLICANT: Sul, Hong-Bing
APPLICANT: Goeddel, David V.
TITLE OF INVENTION: Regulators of Apoptosis
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Science & Technology Law Group
STREET: 75 Denise Drive
CITY: Hillsborough
STATE: California
COUNTRY: USA
ZIP: 94010
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,088A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: T97-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 343-4341
TELEFAX: (650) 343-4342
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

APPLICANT: HOOD, LEROY
TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NK-KB, JNK AND
TITLE OF INVENTION: APOPTOSIS PATHWAYS AND METHODS OF USING THE SAME
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOVEY, WILLIAMS, TIMMONS & COLLINS
STREET: 2405 GRAND BLVD., SUITE 400
CITY: KANSAS CITY
STATE: MISSOURI
COUNTRY: USA
ZIP: 64108
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/09/074,044A
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COLLINS, JOHN M
REGISTRATION NUMBER: 26,262
REFERENCE/DOCKET NUMBER: 26588
TELEPHONE: 816/474-9050
TELEFAX: 816/474-9057
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 221 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens

US-09-074-044A-17

Query Match 100.0%; Score 1114; DB 4; Length 221;
Best Local Similarity 100.0%; Pred. No. 4.3e-105;
Matches 221; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNRDLDTLRLRERKLSVGDLAELLY 60
|||||
Db 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNRDLDTLRLRERKLSVGDLAELLY 60
|||||

QY 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMMAEIGEDLDKSDVSSLIFLMKDYM 120
|||||
Db 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMMAEIGEDLDKSDVSSLIFLMKDYM 120
|||||

QY 121 GRGKISKEKSFLLVVELEKLNLVAPDQLDLLEKCLKNHRIHDLTKTKIQYKOSVOGAGT 180
|||||
Db 121 GRGKISKEKSFLLVVELEKLNLVAPDQLDLLEKCLKNHRIHDLTKTKIQYKOSVOGAGT 180
|||||

QY 181 SYRNVLQAAIQKSLKDPNNFRMITPYAHCPLDKILGNCM 221
|||||
Db 181 SYRNVLQAAIQKSLKDPNNFRMITPYAHCPLDKILGNCM 221
|||||

RESULT 3
US-08-859-167-2
Sequence 2, Application US/08859167
Patent No. 6037461
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461ris

STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859.167
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 445 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-859-167-2

Query Match 91.1%; Score 1015; DB 3; Length 445;
Best Local Similarity 94.5%; Pred. No. 1.2e-94;
Matches 207; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNRDLDTLRLRERKLSVGDLAELLY 60
|||||
Db 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNRDLDTLRLRERKLSVGDLAELLY 60
|||||

QY 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMMAEIGEDLDKSDVSSLIFLMKDYM 120
|||||
Db 61 RVRFDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMMAEIGEDLDKSDVSSLIFLMKDYM 120
|||||

QY 121 GRGKISKEKSFLLVVELEKLNLVAPDQLDLLEKCLKNHRIHDLTKTKIQYKOSVOGAGT 180
|||||
Db 121 GRGKISKEKSFLLVVELEKLNLVAPDQLDLLEKCLKNHRIHDLTKTKIQYKOSVOGAGT 180
|||||

QY 181 SYRNVLQAAIQKSLKDPNNFRMITPYAHCPLDKILGNC 219
|||||
Db 181 SYRNVLQAAIQKSLKDPNNFRMITPYAHCPLDKILGNC 219
|||||

RESULT 4
US-09-109-273-2
Sequence 2, Application US/09109273
Patent No. 6063760
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS

SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/109,273
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 445 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-109-273-2

Query Match 91.1%; Score 1015; DB 3; Length 445;
Best Local Similarity 94.5%; Pred. No. 1.2e-94;
Matches 207; Conservative 1; Mismatches 11; Indels 0; Gaps 0;
QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNVRDLDLILRERKLSVGDLAELLY 60
DB 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNVRDLDLILRERKLSVGDLAELLY 60
QY 61 RVRREDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIIFLMKDYM 120
DB 61 RVRREDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIIFLMKDYM 120
QY 121 GRGKLSKESFLDLVVELEKLNVLAPDQDLLEKCKNIHRIIDLTKIKYKQSVQGAGT 180
DB 121 GRGKLSKESFLDLVVELEKLNVLAPDQDLLEKCKNIHRIIDLTKIKYKQSVQGAGT 180
QY 181 SYRNVLOAAIQKSLKDPNSNFRMITPYAHCPLDKILGNC 219
DB 181 SYRNVLOAAIQKSLKDPNSNFRMITPYAHCPLDKILGNC 219

RESULT 5
US-09-276-993-2
Sequence 2, Application US/09276993
Patent No. 6207801
GENERAL INFORMATION:
APPLICANT: Alnemri, Ehad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,993
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 445 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-276-993-2

Query Match 91.1%; Score 1015; DB 4; Length 445;
Best Local Similarity 94.5%; Pred. No. 1.2e-94;
Matches 207; Conservative 1; Mismatches 11; Indels 0; Gaps 0;
QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNVRDLDLILRERKLSVGDLAELLY 60
DB 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNVRDLDLILRERKLSVGDLAELLY 60
QY 61 RVRREDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIIFLMKDYM 120
DB 61 RVRREDLLKRLKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIIFLMKDYM 120
QY 121 GRGKLSKESFLDLVVELEKLNVLAPDQDLLEKCKNIHRIIDLTKIKYKQSVQGAGT 180
DB 121 GRGKLSKESFLDLVVELEKLNVLAPDQDLLEKCKNIHRIIDLTKIKYKQSVQGAGT 180
QY 181 SYRNVLOAAIQKSLKDPNSNFRMITPYAHCPLDKILGNC 219
DB 181 SYRNVLOAAIQKSLKDPNSNFRMITPYAHCPLDKILGNC 219

RESULT 6
US-08-795-088A-2
Sequence 2, Application US/08795088A
Patent No. 6242569
GENERAL INFORMATION:
APPLICANT: Sul, Hong-Bing
APPLICANT: Goeddel, David V.
TITLE OF INVENTION: Regulators of Apoptosis
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Science & Technology Law Group
STREET: 75 Denise Drive
CITY: Hillsborough
STATE: California
COUNTRY: USA
ZIP: 94010
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,088A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: T97-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 343-4341
TELEFAX: (650) 343-4342
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-795-088A-2

Query Match 90.4%; Score 1007; DB 4; Length 480;
Best Local Similarity 99.5%; Pred. No. 8.3e-94;
Matches 202; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSAEVIHQVEALDTDEKEMLLFCROVAIDVPPNVRDLDLILRERKLSVGLAELLY 60
Db 1 MSAEVIHQVEALDTDEKEMLLFCROVAIDVPPNVRDLDLILRERKLSVGLAELLY 60

Qy 61 RVRFDLLKRLIKMDRAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120
Db 61 RVRFDLLKRLIKMDRAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120

Qy 121 GRGKISKEKSPDLVVELEKLNVLAPDQLLEKCLNHNHRIIDLTKIYKQSVQAGT 180
Db 121 GRGKISKEKSPDLVVELEKLNVLAPDQLLEKCLNHNHRIIDLTKIYKQSVQAGT 180

Qy 181 SYRNVLOAAIOKSLKDPNNFRM 203
Db 181 SYRNVLOAAIOKSLKDPNNFRM 203

RESULT 7

US-09-069-023-34
Sequence 34, Application US/09069023A

Patent No. 6348573

GENERAL INFORMATION:

APPLICANT: Nunez, Gabriel

APPLICANT: Inohara, Naohiro

APPLICANT: Koseki, Takeyoshi

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR IDENTIFYING APOPTOSIS

TITLE OF INVENTION: SIGNALING PATHWAY INHIBITORS AND ACTIVATORS

FILE REFERENCE: UM-03333

CURRENT APPLICATION NUMBER: US/09/069,023A

CURRENT FILING DATE: 1998-04-27

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 34

LENGTH: 480

TYPE: PRT

ORGANISM: Homo sapiens

US-09-069-023-34

Query Match 88.6%; Score 987; DB 4; Length 480;
Best Local Similarity 99.0%; Pred. No. 8.8e-92;
Matches 199; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1 MSAEVIHQVEALDTDEKEMLLFCROVAIDVPPNVRDLDLILRERKLSVGLAELLY 60
Db 1 MSAEVIHQVEALDTDEKEMLLFCROVAIDVPPNVRDLDLILRERKLSVGLAELLY 60

Qy 61 RVRFDLLKRLIKMDRAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120
Db 61 RVRFDLLKRLIKMDRAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIPLMKDYM 120

Qy 121 GRGKISKEKSPDLVVELEKLNVLAPDQLLEKCLNHNHRIIDLTKIYKQSVQAGT 180
Db 121 GRGKISKEKSPDLVVELEKLNVLAPDQLLEKCLNHNHRIIDLTKIYKQSVQAGT 180

Qy 181 SYRNVLOAAIOKSLKDPNNFRM 203
Db 181 SYRNVLOAAIOKSLKDPNNFRM 203

RESULT 8

US-09-074-044A-2
Sequence 2, Application US/09074044A

Patent No. 6207458

GENERAL INFORMATION:

APPLICANT: CHAUDHARY, PREET M

APPLICANT: HOOD, LEROY

TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS

TITLE OF INVENTION: APOPTOSIS PATHWAYS AND METHODS OF USING THE SAME

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: HOVEY, WILLIAMS, TIMMONS & COLLINS

STREET: 2405 GRAND BLVD., SUITE 400

CITY: KANSAS CITY

STATE: MISSOURI

COUNTRY: USA

ZIP: 64108

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/074,044A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: COLLINS, JOHN M

REGISTRATION NUMBER: 26,262

REFERENCE/DOCKET NUMBER: 26588

TELECOMMUNICATION INFORMATION:

TELEPHONE: 816/474-9050

TELEFAX: 816/474-9057

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 84 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: not relevant

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

US-09-074-044A-2

Query Match 37.4%; Score 417; DB 4; Length 84;

Best Local Similarity 100.0%; Pred. No. 3.6e-35;

Matches 84; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 90 VSDYRVLMAEIGEDLDKSDVSSLIPLMKDYGKSKSKSFLLVVELEKLNVLAPDQL 149
Db 1 VSDYRVLMAEIGEDLDKSDVSSLIPLMKDYGKSKSKSFLLVVELEKLNVLAPDQL 60

Qy 150 DLLEKCLNHNHRIIDLTKIYKQ 173
Db 61 DLLEKCLNHNHRIIDLTKIYKQ 84

RESULT 9

US-09-382-155-2

Sequence 2, Application US/09382155B

Patent No. 6160095

GENERAL INFORMATION:

APPLICANT: CHAUDHARY, PREET M

APPLICANT: HOOD, LEROY

TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS

TITLE OF INVENTION: PATHWAYS AND METHODS OF USING THE SAME

FILE REFERENCE: Chaudhary

CURRENT APPLICATION NUMBER: US/09/382,155B

CURRENT FILING DATE: 1999-08-24

EARLIER APPLICATION NUMBER: 09/074,044

EARLIER FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 40

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 84
; TYPE: PRT
; ORGANISM: HUMAN HERPESVIRUS 8
US-09-382-155-2

      36.2%; Score 403; DB 4; Length 84;
Query Match      97.6%; Pred. No. 9.4e-34;
Matches 82; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 90 VSDYRVLMAEIGDLQKSDVSSLIFLMKDYMGRGKISKESKSFLLDVVELEKLNLPDQL 149
      |||
DB 1 VSDYRVLMAEIGDLQKSDVSSLIFLMKDYMGRGKISKESKSFLLDVVELEKLNLPDQL 60
      |||

QY 150 DLLEKCLKNIHRIDLTKTKIOKYK 173
      |||
DB 61 DLLEKCLKNIHRIDLTKTKIOKYK 84
      |||

RESULT 10
US-09-382-155-1
; Sequence 1, Application US/09382155B
; Patent No. 6160095
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; APPLICANT: HOOD, LEROY
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS
; FILE REFERENCE: Chaudhary
; CURRENT APPLICATION NUMBER: US/09/382,155B
; EARLIER FILING DATE: 1999-08-24
; EARLIER APPLICATION NUMBER: 09/074,044
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 78
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-382-155-1

      34.5%; Score 384; DB 4; Length 78;
Query Match      100.0%; Pred. No. 7.1e-32;
Matches 78; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLY 60
      |||
DB 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLY 60
      |||

QY 61 RVRFDLLKRLKMDRKA 78
      |||
DB 61 RVRFDLLKRLKMDRKA 78
      |||

RESULT 11
US-09-074-044A-1
; Sequence 1, Application US/09074044A
; Patent No. 6207458
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; APPLICANT: HOOD, LEROY
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS
; FILE REFERENCE: Chaudhary
; CURRENT APPLICATION NUMBER: 09/074,044
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 40
; ADDRESS: HOVEY, WILLIAMS, TIMMONS & COLLINS
; STREET: 2405 GRAND BLVD., SUITE 400
; CITY: KANSAS CITY
; STATE: MISSOURI
; COUNTRY: USA

      34.5%; Score 384; DB 4; Length 78;
Query Match      100.0%; Pred. No. 7.1e-32;
Matches 78; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLY 60
      |||
DB 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLY 60
      |||

QY 61 RVRFDLLKRLKMDRKA 78
      |||
DB 61 RVRFDLLKRLKMDRKA 78
      |||

RESULT 12
US-09-382-155-21
; Sequence 21, Application US/09382155B
; Patent No. 6160095
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; APPLICANT: HOOD, LEROY
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS
; FILE REFERENCE: Chaudhary
; CURRENT APPLICATION NUMBER: US/09/382,155B
; CURRENT FILING DATE: 1999-08-24
; EARLIER APPLICATION NUMBER: 09/074,044
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Molluscum contagiosum virus
US-09-382-155-21

      19.6%; Score 218.5; DB 4; Length 241;
Query Match      29.9%; Pred. No. 1.8e-14;
Matches 64; Conservative 41; Mismatches 80; Indels 29; Gaps 7;

QY 7 HQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLYRVRFD 66
      |||
DB 15 HLLEE-LDSHEDSLLLFLCHDAAPGCT--TVTQALCSLSQORKLTAAALYEMLYVLQMD 71
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; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/074,044A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: COLLINS, JOHN M
; REGISTRATION NUMBER: 26,262
; REFERENCE/DOCKET NUMBER: 26588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 816/474-9050
; TELEFAX: 816/474-9057
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 78 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: protein
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-09-074-044A-1

      34.5%; Score 384; DB 4; Length 78;
Query Match      100.0%; Pred. No. 7.1e-32;
Matches 78; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLY 60
      |||
DB 1 MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLY 60
      |||

QY 61 RVRFDLLKRLKMDRKA 78
      |||
DB 61 RVRFDLLKRLKMDRKA 78
      |||

RESULT 12
US-09-382-155-21
; Sequence 21, Application US/09382155B
; Patent No. 6160095
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; APPLICANT: HOOD, LEROY
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS
; FILE REFERENCE: Chaudhary
; CURRENT APPLICATION NUMBER: US/09/382,155B
; CURRENT FILING DATE: 1999-08-24
; EARLIER APPLICATION NUMBER: 09/074,044
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Molluscum contagiosum virus
US-09-382-155-21

      19.6%; Score 218.5; DB 4; Length 241;
Query Match      29.9%; Pred. No. 1.8e-14;
Matches 64; Conservative 41; Mismatches 80; Indels 29; Gaps 7;

QY 7 HQVEEALDTDEKEMLLFLCRDVAIDVVPNNVRLDILRERKLSVGDLAELLYRVRFD 66
      |||
DB 15 HLLEE-LDSHEDSLLLFLCHDAAPGCT--TVTQALCSLSQORKLTAAALYEMLYVLQMD 71
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QY 67 LLKRLKMDKRAVETHLLRNPHLYSDYRVLMAEIGEDLDKSDVSSL-IFL--MKDYMG 123
Db 72 LLKSRFGLSKGAEQ--LLGTSFLTRYRKLKMCVGEELDSSELRLALRFLACNLNPSLSTA 129
QY 124 KISKEKSFLLDVVELEKLNVLAPQDLLEKLNHRIIDLTKIKYKQSVQ----- 176
Db 130 -LSESSRFVELVLALENVGLVSPSSVSLADMLRRLDLCCQLVEYEQEQARYCY 188
QY 177 -----GAGTSYRNVLQAAIQAOKSLKDP 197
Db 189 AASPSPVRLRGRHGAHEQLCMPVOESSDSP 222

RESULT 13
US-09-074-044A-21
; Sequence 21, Application US/09074044A
; Patent No. 6207458
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; APPLICANT: HOOD, LEROY
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NK-KB-JNK AND
; TITLE OF INVENTION: APOPTOSIS PATHWAYS AND METHODS OF USING THE SAME
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOVEY, WILLIAMS, TIMMONS & COLLINS
; STREET: 2405 GRAND BLVD., SUITE 400
; CITY: KANSAS CITY
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/074.044A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: COLLINS, JOHN M
; REGISTRATION NUMBER: 26,262
; REFERENCE/DOCKET NUMBER: 26588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 816/474-9050
; TELEFAX: 816/474-9057
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 241 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: MOLLUSCUM CONTAGIOSUM VIRUS
US-09-074-044A-21

Query Match 19.6%; Score 218.5; DB 4; Length 241;
Best Local Similarity 29.9%; Pred. No. 1.8e-14;
Matches 64; Conservative 41; Mismatches 80; Indels 29; Gaps 7;
QY 7 HOVEALDTDEKEMLLFCROVAIDVPPNVRDLIDLRLKGLSVGLDAELLYVRREFD 66
Db 15 HLLEE-LSHEDSLFLFCHDAAPGCT--TTQALCSLSQQRKLTFLAALVEMLYVLRMD 71
QY 67 LLKRLKMDKRAVETHLLRNPHLYSDYRVLMAEIGEDLDKSDVSSL-IFL--MKDYMG 123
Db 72 LLKSRFGLSKGAEQ--LLGTSFLTRYRKLKMCVGEELDSSELRLALRFLACNLNPSLSTA 129
QY 124 KISKEKSFLLDVVELEKLNVLAPQDLLEKLNHRIIDLTKIKYKQSVQ----- 176

Db 130 -LSESSRFVELVLALENVGLVSPSSVSLADMLRRLDLCCQLVEYEQEQARYCY 188
QY 177 -----GAGTSYRNVLQAAIQAOKSLKDP 197
Db 189 AASPSPVRLRGRHGAHEQLCMPVOESSDSP 222
RESULT 14
US-08-807-200-2
; Sequence 2, Application US/08807200
; Patent No. 5837837
; GENERAL INFORMATION:
; APPLICANT: Hunter, John J.
; APPLICANT: Shigjan, Andrew W.
; APPLICANT: Wong, Grace H.W.
; TITLE OF INVENTION: NOVEL FORMS OF CASPASE-8 AND
; TITLE OF INVENTION: USES THEREFOR
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/807,200
; FILING DATE: 27-FEB-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/021001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 220 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-807-200-2

Query Match 17.5%; Score 195; DB 2; Length 220;
Best Local Similarity 27.6%; Pred. No. 3.8e-12;
Matches 54; Conservative 54; Mismatches 70; Indels 18; Gaps 7;
QY 6 IHVEEALDTDEKEMLLFCRDVAIDVPPN-----VRDLDI---LRLRGKLSVGLDA-- 56
Db 7 LYDGEQDSDSLASLAKFL-----SLDYIPQRKQEPIDKALMLFORLQKRLMESLSFL 62
QY 57 -ELLYRVRFRFLLRKLKMDKRAVETHLLRNP--HLVSDYRVLMAEIGEDLDKSDVSSL 113
Db 63 KELLFRINRLDLLTYLNTREEERE-LQTPGRAQISAYRVMYQISEEVSRELRSFK 121
QY 114 FLKDYMGKRGKISKEKSFLLDVVELEKLNVLAPQDLLEKLNHRIIDLTKIKYKQ 173
Db 122 FLIQQEISKCKLDDMDMLDIFEMEKRVILGCKLDILKRVCAQINKSLKI-INDYEE 180
QY 174 SVQAGTSYRNVLQAA 189
Db 181 FSKDFGSLPNEKQTS 196

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Job time: 84 sec